

ABSTRACT

A lock plate and a movable plate are provided to fix a seat at an optional position, and an actuator is provided between the seat and the movable plate. The seat is moved
5 to the rear of a vehicle body in an initial stage of impact by the actuator. Acceleration is generated in the seat through impact abutment of a collapsible tube in the actuator against a piston head in an intermediate stage of impact. In a final stage of the impact, the seat is
10 made integral with the vehicle body. The deceleration of a vehicle body and a seat and the deceleration of an occupant can be made equal to each other at an earlier timing. The apparatus can be installed by making use of a space under the seat, whereby the necessity of securing
15 a special vacant space for installation of the apparatus can be obviated.